



**BRUHAT BANGALORE MAHANAGARA
PALIKE**

DASARAHALLI ZONE

Name of Work :- Detailed Estimate for
Improvements and Construction of Cement
Concrete road from Kataraya Nagara to
Manjunatha Nagara Via Coconut Garden in
Ward.No. 14, ~~Bangalore~~ Bagalagunte.

Estimated Cost Rs. 16.60 Lakhs

**ASSISTANT EXECUTIVE ENGINEER
T.DASARAHALLI SUB DIVISION,
B.B.M.P, BANGALORE**

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Sl. No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.150/I.19.2 PW, P & IWTD - SR 2012-13)	Cum							
	5th Cross - Katarayanagara drain		1	45.00	1.20	1.00	54.00	81.00	4374.00
	Basic Rate	75.00							
	Add Area Weightage 8%	6.00							
	Total	81.00							
2	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.167/I.20.18 PW, P & IWTD - SR 2012-13)	Cum							
	5th Cross - Katarayanagara Road		1	142.00	5.00	0.15	106.50	1059.48	112835.00
	Basic Rate	981.00							
	Add Area Weightage 8%	78.48							
	Total	1059.48							
3	KSRRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PW, P & IWTD - SR 2012-13)	Cum							

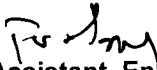
-	5th Cross - Katarayanagara drain		1	45.00	1.20	0.15	8.10		
	5th Cross - Katarayanagara Road		1	142.00	5.00	0.15	106.50		
							114.60	3812.82	436949.00
	Basic Rate	3597.00							
	Add Area Weightage 6%	215.82							
	Total	3812.82							
4	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							
	For Bottom		1	45.00	1.20	0.15	8.10		
	For Sides		2	45.00	0.15	0.75	10.13		
	For Road		1	142.00	5.00	0.125	88.75		
							106.98	5142.06	550072.00
	Basic Rate	4851.00							
	Add Area Weightage 6%	291.06							
	Total	5142.06							
5	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46) PW, P & IWTD - SR 2012-13)	q							
	For Bottom & Sides		18.23	Kg/Cum	60.00		1093.50		
	For Road		88.75	Kg/Cum	40.00		3550.00		
							4643.50		
						Say	46.44	7187.86	333768.00
	Basic Rate	6781.00							
	Add Area Weightage 6%	406.86							
	Total	7187.86							
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.31) PW, P & IWTD - SR 2012-13)	Sqm							
	For Sides		2x2	45.00		0.75	135.00	239.56	32341.00
	Basic Rate	226.00							
	Add Area Weightage 6%	13.56							

		Total	239.56						
7	Supplying and fixing precast reinforced concrete sl. 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	Data Rate Approved By CE DZ		1	45.00	1.00		45.00	1600.00	72000.00
8	Lead for Disposal of Debris shall be payable at carage rates be mechanical means - With all lead, lifts, loading and unloading charges, cost and conveyance of all materials, labour, equipments - 10Kmtrs etc., complete (P.148/I.18.57) PW, P & IWTD - SR 2012-13)	Cum							
			Qty Vide Item No. 1				54.00	78.24	4225.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	72.44							
	Add Area Weightage 8%	5.80							
	Total	78.24							
9	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, c10ser blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P.27/I.5.27) PW, P & IWTD - SR 2012-13)	Sqm							
			2	142.00		0.20	56.80		
	Deduct - Cross Roads		4	6.00		0.20	-4.80		
							52.00	683.70	35552.00
	Basic Rate	645.00							
	Add Area Weightage 6%	38.70							
	Total	683.70							
10	Vaccum de-watering with vaccum pump and suction mat and compaction wath skin floater clubbed with floating disc including cost of generator, HOM of machinery, screned vibratory, power floater, blade and disc., with all lead and lift. (P.187/I.22.7 PW,P & IWTD SR. 2012-13)	Sqm							
			1	142.00	5.00		710.00	84.80	60208.00
	Basic Rate	80.00							
	Add Area Weightage 6%	4.80							
	Total	84.80							

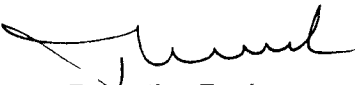
11	KSRRB M2600-4. (iii)Providing and fixing in tion 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing & Technical Specification complete as per specifications MORTH Specification No. 2605 (P.248/I.31.4 PW, P & IWTD SR 2012-13)	M							
			15	5.00			75.00	167.48	12561.00
	Basic Rate	158.00							
	Add Area Weightage 6%	9.48							
	Total	167.48							
									5053.00
12	Miscellaneous and Unforeseen Charges	LS							1530.00
								Total	1660000.00
(Rupees Sixteen Lakhs Sixty Thousand Only)									

CERTIFICATE

- 1) The Work spot has been inspected and the work is found to be necessary
- 2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
- 3) The Provision made in estimate are adequante and essential
- 4) This area comes under B.B.M.P Limits.


Assistant Engineer
Ward-14


Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P


Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

no. JE(DR) AS 673/12-13

no. 16.60 lakhs (Rupee sixteen lakhs sixty thousand only)

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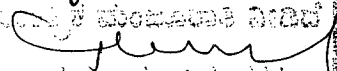
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no.EE/DD/TS/454/12-13

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